

TRINITRON® COLOR TV

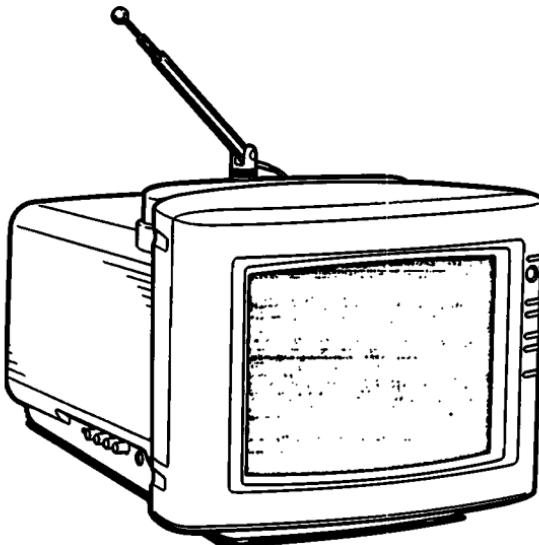
**KV-8AD11
KV-8AD14****Operating Instructions**

Before operating your TV, please read this manual thoroughly and retain it for future reference.

Owner's Record

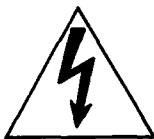
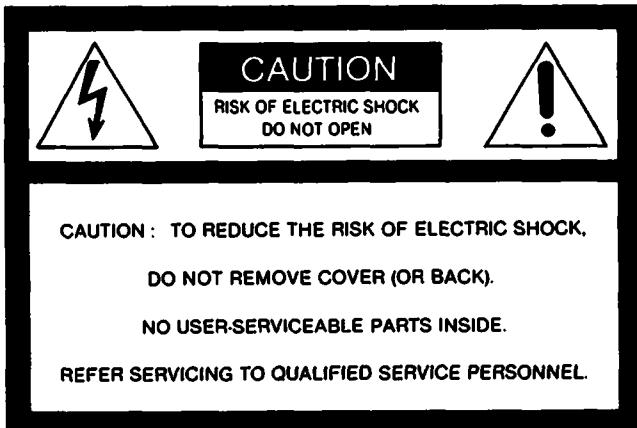
The model and serial numbers are located at the rear of the TV. Record these numbers in the spaces provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. _____ Serial No. _____



WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

Note to CATV system installer in the U.S.A.: This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

Use of this television receiver for other than private viewing of programs broadcast on UHF or VHF or transmitted by cable companies for the use of the general public may require authorization from the broadcaster/cable company and/or program owner.

Precautions

Safety

- Operate the TV only on 120 V AC or on 12/24 V DC.
- To operate from a car battery, use only the supplied car battery cord.
- One blade of the plug is wider than the other for safety purposes and will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, contact your dealer.
- Should any liquid or solid object fall into the cabinet, unplug the TV and have it checked by qualified personnel before operating it any further.
- Unplug the TV from the wall outlet or unplug the car battery cord if you are not going to use it for several days or more.
- To disconnect the cord, pull it out by the plug. Never pull the cord itself.

Installation

- To prevent internal heat build-up, do not block the ventilation openings.
- Do not install the TV in a hot or humid place, or in a place subject to excessive dust.

Cleaning

Clean the TV with a slightly damp soft cloth. Use a mild household detergent. Never use strong solvents such as thinner or benzine as they might damage the finish of the cabinet.

Repacking

Retain the original carton and packing materials for safe transport of your TV in the future.

Table of Contents

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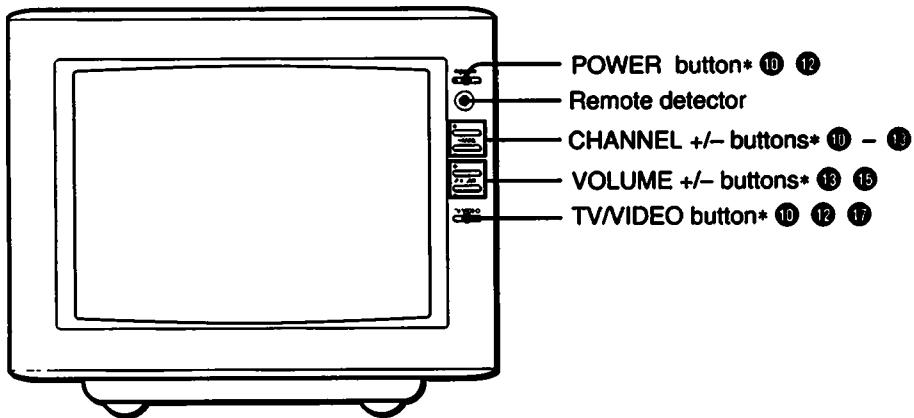
Features

- 8-inch remote-controlled Trinitron TV.
- Easy and precise channel selection with automatic tuning system.
- On-screen display of channel numbers and volume level.
- Sleep timer, which automatically turns the TV off after 30/60/90 minutes.
- Seek feature, to search for receivable channels automatically.

Identifying the Parts

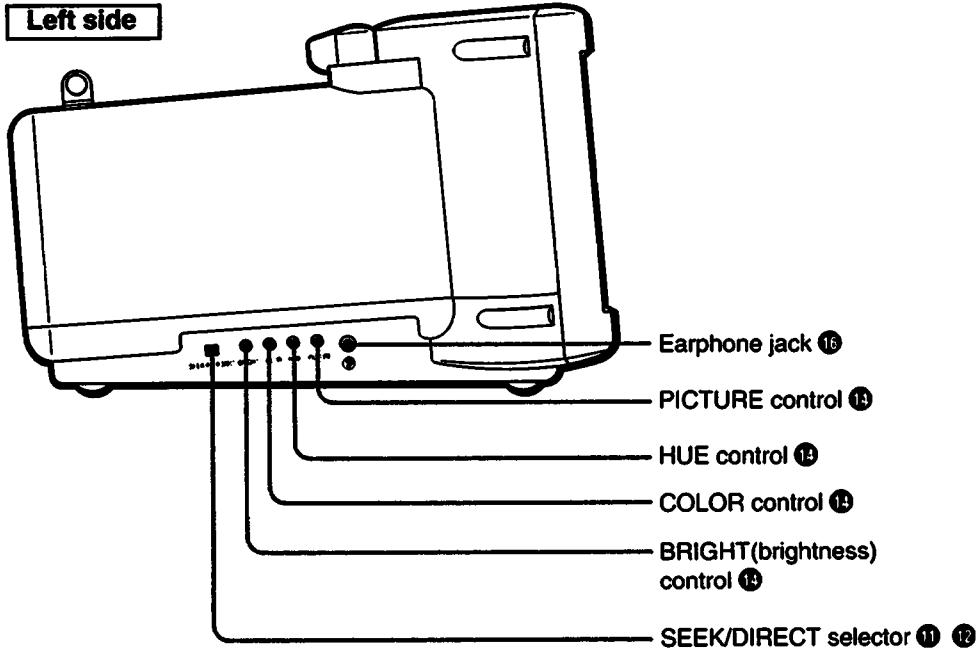
Front

For details, refer to the pages indicated by the numbered black circles ● .



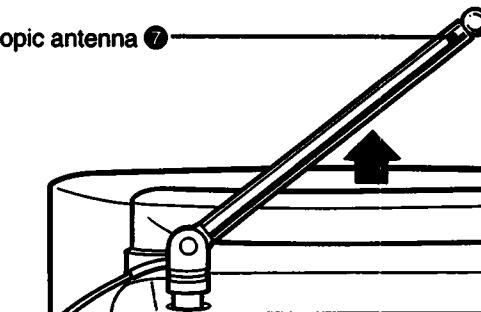
* The same function buttons are also located on the Remote Commander (p. 6).

Left side



Rear

Telescopic antenna ⑦



Handle
(to carry the TV)

AC IN 120 V socket ⑦

DC IN 12/24 V jack ⑨

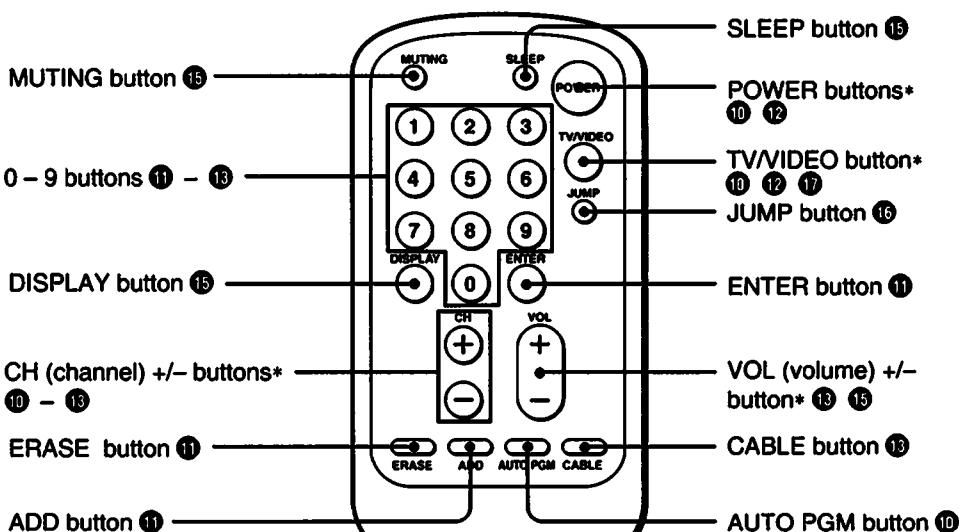
VIDEO OUT jacks ⑯
(AUDIO/VIDEO)

VIDEO IN jacks ⑯ ⑯
(AUDIO/VIDEO)

EXT ANT ⑦ - ⑨
(Antenna input terminal)

Identifying the Parts

Remote commander



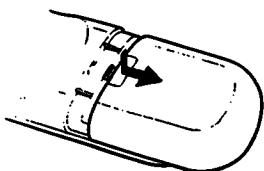
RM-792 (KV-8AD11)

RM-793 (KV-8AD14)

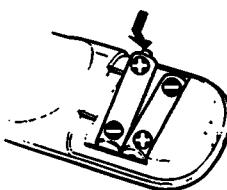
*The same function buttons are also located on the TV (p. 4).

Installing batteries

1 Remove the battery compartment cover.



2 Insert two size AA (R6) batteries in correct polarity; then replace the lid.



Notes

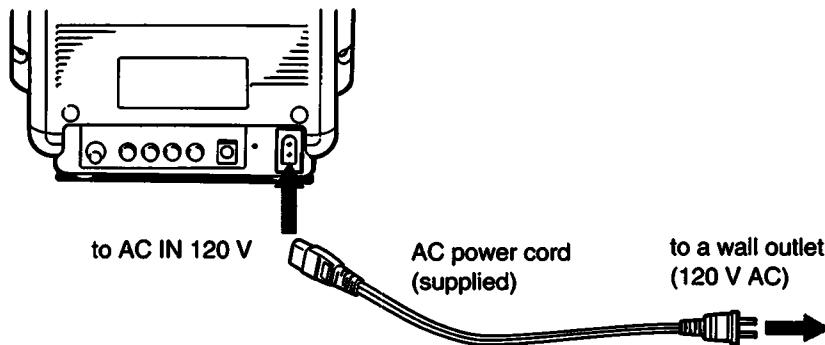
- In normal operation, batteries will last up to half a year. If the TV does not operate properly, the batteries might be exhausted. Replace all with new ones.
- To avoid damage from possible battery leakage, remove the batteries for extended unused periods.

- Be sure that there are no obstructions between the Remote Commander and the TV.
- Operable range is limited.
- If a Remote Commander not recommended is used to operate this TV, or if the supplied Remote Commander is used to operate another TV, the TV may not operate properly.

Preparing for Use

Using house current

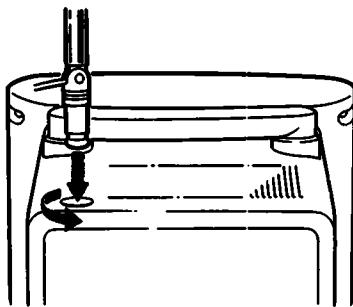
(Rear of TV)



Connecting the supplied telescopic antenna

- 1 Insert the antenna into the receptacle on the TV, and twist to ensure a secure fit.

(Rear of TV)



- 2 Attach the antenna connector to the EXT ANT terminal.

to EXT ANT

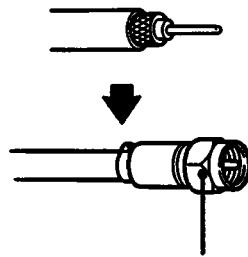
Preparing for Use

We recommend connecting VHF/UHF antennas for better picture quality. You can receive cable TV by connecting a cable supplied by your local cable company.

Prepare the antenna end according to your cable type.

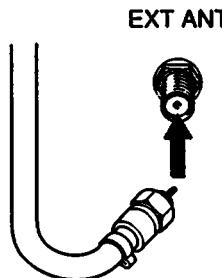
Using a VHF, UHF or combination VHF/UHF antenna, or CATV cable

75-ohm coaxial cable
(round)



Attach an optional F-type connector

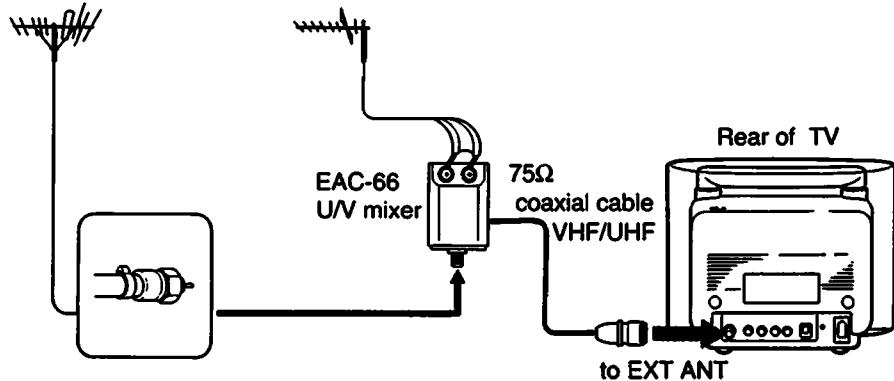
(Rear of TV)



Connecting both VHF and UHF antennas

Use the EAC-66 U/V mixer (not supplied).

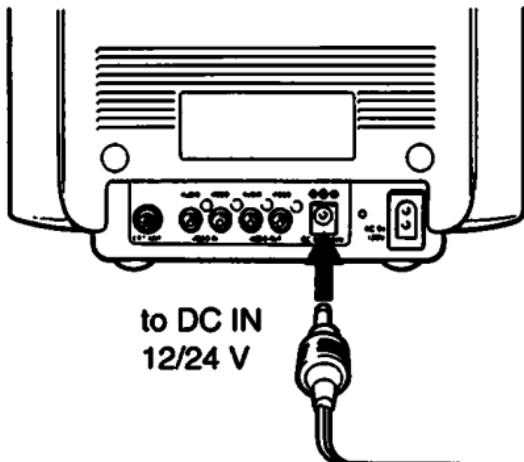
- 1 Remove the telescopic antenna from the EXT ANT terminal on the TV.
- 2 Prepare the antenna end using the appropriate connector (see the illustration above), and connect the antenna to EXT ANT.



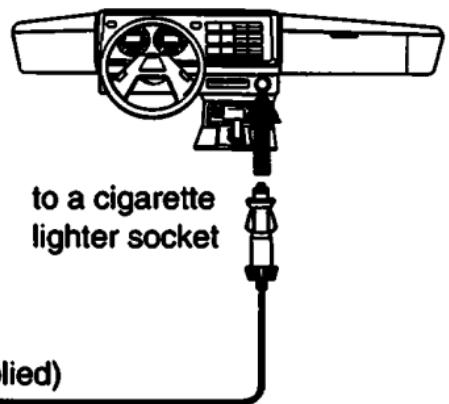
When you use the U/V mixer

Visual and audio interference may occur in the cable TV channels over 37 (W+1).

Using a car battery



Car battery cord
DCC-17AW (supplied)



to a cigarette
lighter socket

Notes

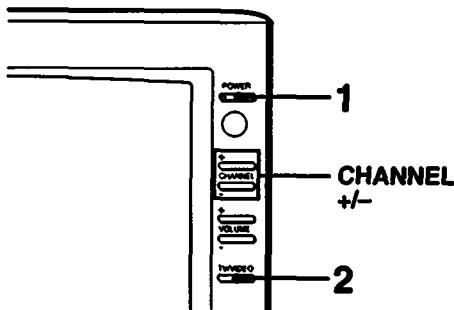
- For car use, the TV is designed for negative ground 12/24 V DC operation only.
- Use only the supplied car battery cord manufactured by Sony. Polarity of the plugs of other manufacturers may be different.
- When you aren't using the TV, remove the car battery cord from the cigarette lighter socket.



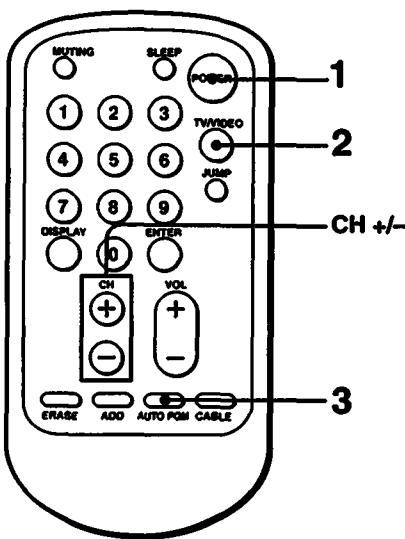
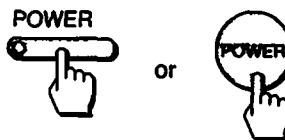
Polarity of the
Sony plug

Presetting TV Channels

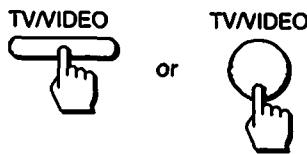
Presetting TV channels automatically



1 Press POWER on the TV or the Remote Commander to turn the TV on.



2 Press TV/VIDEO on the TV or the Remote Commander so that the TV mode appears.



If "VIDEO" is displayed on the screen, press TV/VIDEO on the TV or the Remote Commander again so that a channel number appears.

3 Press AUTO PGM.



"AUTO PROGRAM" is displayed on the screen and receivable channels (other than the channels already preset) will be preset in numerical sequence. The channels previously preset remain in the TV's memory.

When no more channels can be found, the programming stops and the lowest numbered channel is displayed.

Channels that can be received on this TV:

VHF: 2 – 13

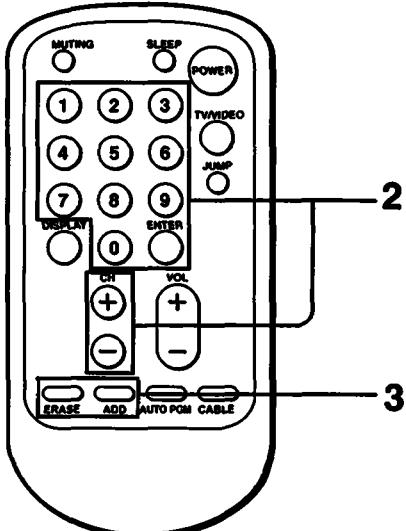
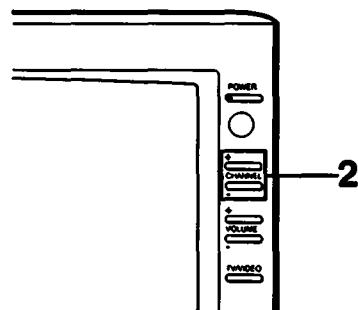
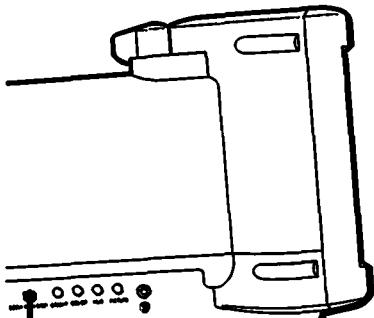
UHF: 14 – 69

Cable: 1 – 125

To check preset channels

Press CH +/- on the TV or the Remote Commander.

Presetting only desired channels or erasing unnecessary channels

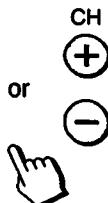
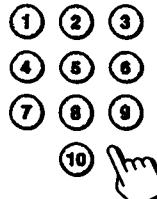


1 Set the SEEK/DIRECT selector to DIRECT.



SEEK ● ● DIRECT

2 To select a channel, press the 0 - 9 buttons (to add channels) or CHANNEL +/- (CH +/-) (to erase channels); then press ENTER.



3 Press ADD to add channels.



A "+" appears before the number for a moment. This channel has now been added to the channel scan memory.

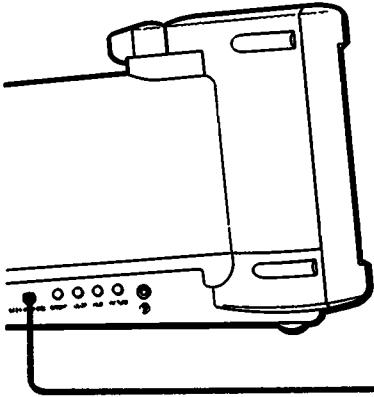
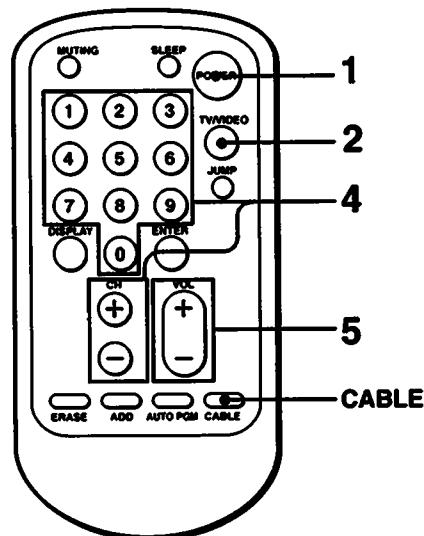
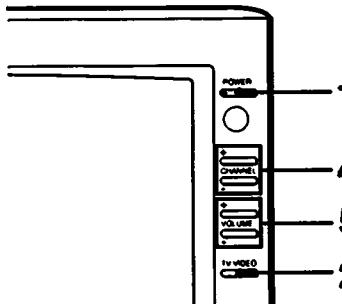
Press ERASE to erase channels.



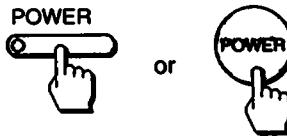
A "--" appears before the number for a moment. This channel has now been erased from the channel scan memory. The next time you press the CH +/- buttons, this channel will be skipped.

Repeat steps 1 and 2 to add or erase other channels.

Watching TV Programs



1 Press POWER on the TV or the Remote Commander to turn the TV on.

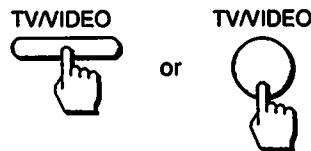


Note

The first time you use the TV, press POWER on the TV to turn the power on.

2 Press the TV/VIDEO button on the TV or the Remote Commander to select TV mode.

(TV and VIDEO modes are selected in sequence.)



3 Set the SEEK/DIRECT selector to choose the method you prefer for selecting channels.



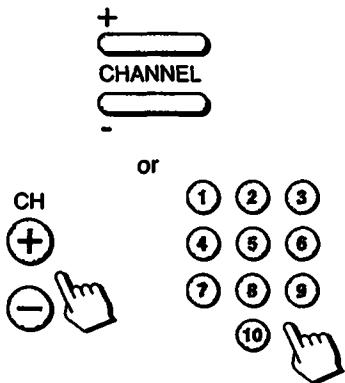
SEEK mode

Press CHANNEL +/- on the TV, or CH +/- on the Remote Commander to select receivable channels only. (You can also select channels using the 0 - 9 buttons.) Use SEEK mode to improve channel reception while viewing your TV in a car.

DIRECT mode

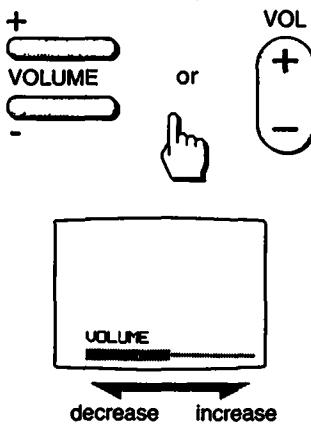
Press the 0 - 9 buttons on the Remote Commander to select a channel directly. (When you press CHANNEL +/- or CH +/-, non-receiving channels will also be selected.)

4 Press CHANNEL +/- on the TV, or press CH +/- or 0 - 9 buttons on the Remote Commander to select the channel you want to watch.



5 Press VOLUME +/- on the TV or VOL +/- on the Remote Commander to adjust the volume.

To increase volume, press "+".
To decrease volume, press "-".



To watch cable TV channels

Press CABLE (the "C" display will appear) and select channels directly.

When you want to watch VHF/UHF channels, press CABLE again so that the "C" display disappears.

To turn the TV off.

Press POWER on the TV or on the Remote Commander.

Note

When you erase a VHF or UHF channel, the cable TV channel with the same number is also erased, and vice versa.

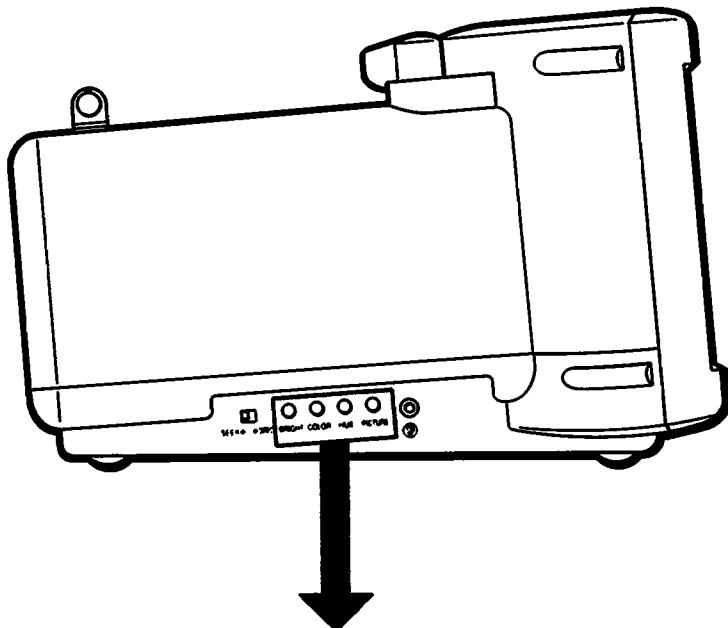
Cable TV channel chart*

Cable TV systems use letters or numbers to designate channels. To tune in a channel, refer to the chart below.

| Number on this TV | Corresponding cable TV channel |
|-------------------|--------------------------------|
| 1 | A-8 |
| 5 | A-7 |
| 6 | A-6 |
| 14 | A |
| 15 | B |
| 16 | C |
| 17 | D |
| 18 | E |
| 19 | F |
| 20 | G |
| 21 | H |
| 22 | I |
| 23 | J |
| 24 | K |
| 25 | L |
| 26 | M |
| 27 | N |
| 28 | O |
| 29 | P |
| 30 | Q |
| 31 | R |
| 32 | S |
| 33 | T |
| 34 | U |
| 35 | V |
| 36 | W |
| 37 | W + 1 |
| 38 | W + 2 |
| 39 | W + 3 |
| : | : |
| 93 | W + 57 |
| 94 | W + 58 |
| 95 | A-5 |
| 96 | A-4 |
| 97 | A-3 |
| 98 | A-2 |
| 99 | A-1 |
| 100 | W + 59 |
| 101 | W + 60 |
| 102 | W + 61 |
| : | : |
| 123 | W + 82 |
| 124 | W + 83 |
| 125 | W + 84 |

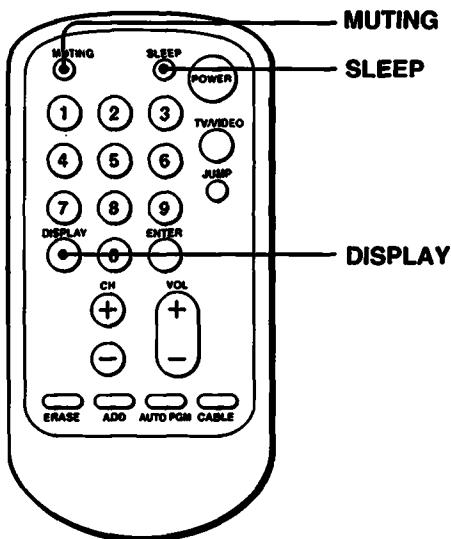
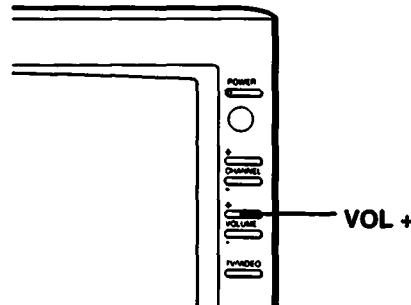
* This designation of cable TV channels conforms to the EIA/NCTA recommendation. Check with your local cable TV company for more complete information on the available channels.

Adjusting Picture Quality



| | | | | | | | |
|------------------------|------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|------------------------------|------------------------------|
| To increase brightness | To decrease brightness | To increase color intensity | To decrease color intensity | Skin tones become greenish | Skin tones become purplish | To increase picture contrast | To decrease picture contrast |
| | | | | | | | |
| BRIGHT | | COLOR | | HUE | | PICTURE | |

Using Other Convenient Features



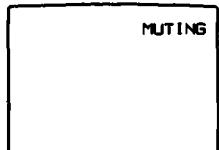
Muting the sound

Press MUTING to mute the TV sound.

MUTING



MUTING



To turn muting off

Press MUTING again, or VOL +.

Setting the sleep timer

Press SLEEP to set the TV to turn off in the amount of time you choose. Each time you press SLEEP, the time increments 30, 60 and 90 are selected in sequence.

SLEEP

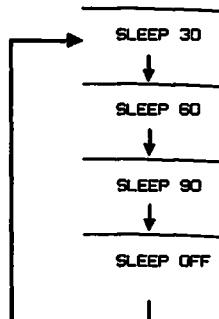


SLEEP 30

SLEEP 60

SLEEP 90

SLEEP OFF



The "SLEEP" display (red) will appear 1 minute before the TV turns off.

To turn the sleep timer off

Press SLEEP once more after 90.

Displaying the input mode

Press DISPLAY. The current input modes (channel, TV/VIDEO) will be displayed on the screen.

DISPLAY

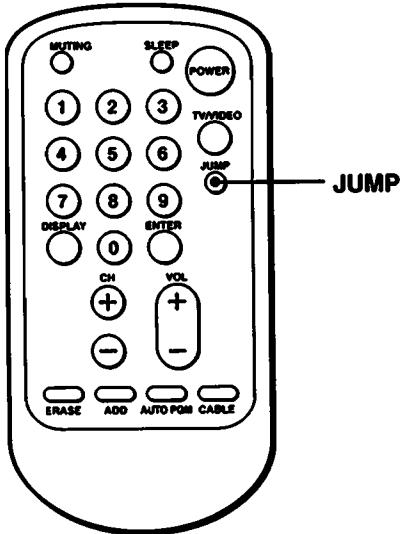


(TV mode)

To turn the display off

Press DISPLAY again.

Using Other Convenient Features



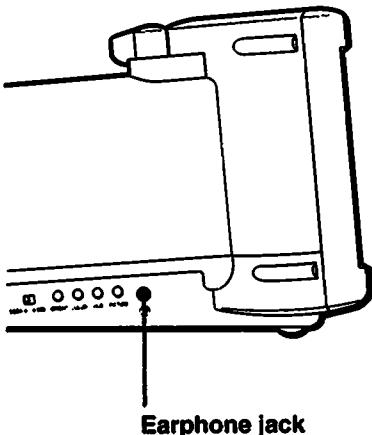
Switching quickly between 2 channels

Press JUMP once to recall the channel you were watching previously; press JUMP again to switch back. Use this feature to keep track of two programs alternately.



Listening through an earphone

You can listen to the TV's sound through an optional earphone connected to an earphone jack.



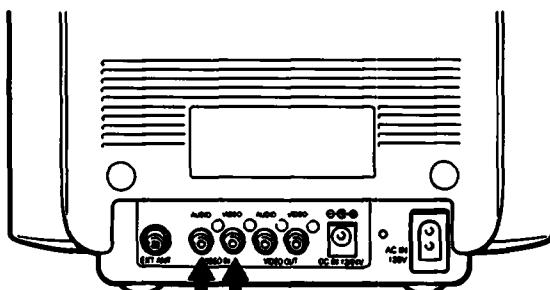
Connecting Video Equipment

Connecting a VCR or 8mm video camera

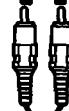
Before connecting, turn off the power on all equipment.

(Rear of TV)

↖ :Signal flow



to VIDEO IN
(AUDIO)



to VIDEO IN
(VIDEO)



to audio output

to video output

VMC-920MS (not supplied)

Watching a VCR picture

1 Turn on the TV.

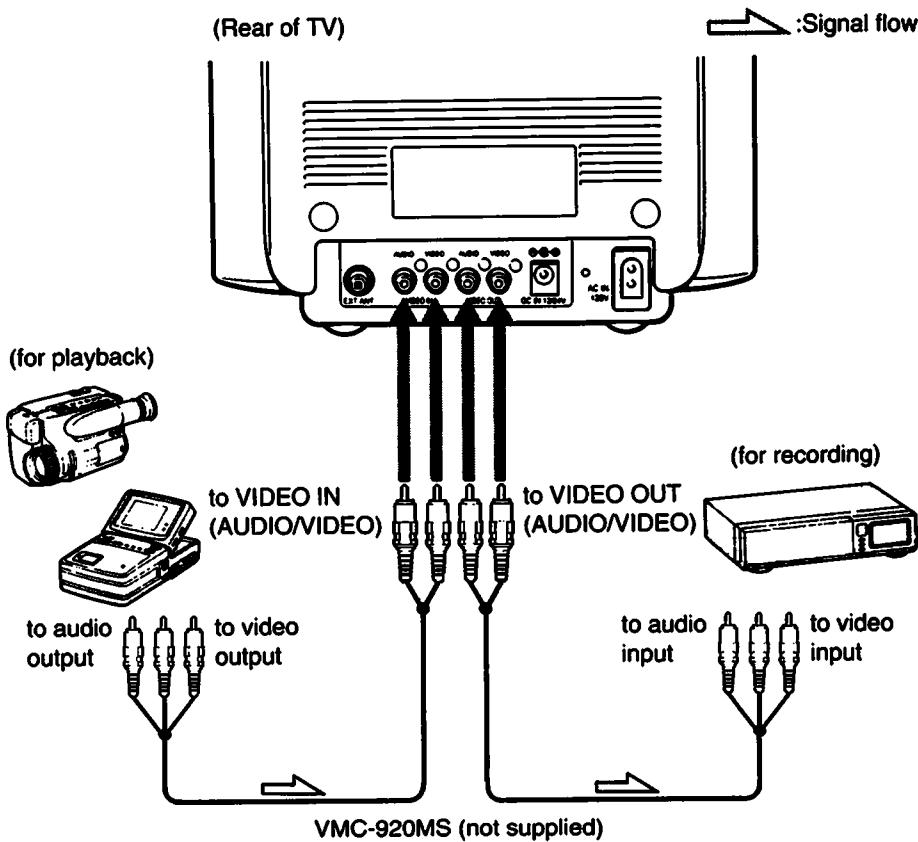
To return to TV mode

Press the TV/VIDEO button on the TV or the Remote Commander so that a channel number appears on the screen.

2 Press the TV/VIDEO button on the TV or the Remote Commander so that "VIDEO" appears on the screen.

Connecting Video Equipment

Connecting two VCRs for tape editing



Notes

- Move the VCR away from the TV, if the display or sound is affected.
- For operating instructions, refer to the instruction manual furnished with the VCR.

Specifications

| | |
|----------------------|---|
| Television system | American TV standard, NTSC color |
| Channel coverage | VHF channels 2 – 13 UHF channels 14 – 69 CATV channels 1 – 125 (181 total receivable channels) |
| Picture tube | Trinitron tube 8-inch picture measured diagonally 9-inch picture tube measured diagonally 70-degree deflection |
| Antenna | VHF/UHF telescopic antenna |
| Speaker | 77mm round (3½ inches) |
| Inputs | VIDEO IN jacks VIDEO: RCA phono-type 1 Vp-p, 75 ohms AUDIO: RCA phono-type monaural |
| Output | EXT ANT (Combined CATV/VHF/UHF 75-ohm, F-type) Earphone jack VIDEO OUT jacks VIDEO: RCA phono-type AUDIO: RCA phono-type monaural |
| Power requirements | 120 V AC, 60 Hz 12/24 V DC |
| Power consumption | AC IN: 41 W max. DC IN: 32 W max. |
| Dimensions | Approx. 239 x 197 x 310 mm (w/h/d) (9½ x 7¾ x 12¼ inches) |
| Weight | Approx. 5.0 kg (11 lb) |
| Cabinet color | KV-8AD11: gray KV-8AD14: white |
| Supplied accessories | Remote Commander with 2 size AA (R6) batteries (1) RM-792 (KV-8AD11) RM-793 (KV-8AD14) AC power cord (1) Telescopic antenna (1) Car battery cord DCC-17AW (1) Connecting cord VCM-920MS |
| Optional accessories | |

Design and specifications are subject to change without notice.

Troubleshooting

Disturbances in picture and sound can often be eliminated by checking the symptoms and following the suggestions listed below. If the problem still cannot be solved, contact your nearest service facility.

| SYMPTOM | CHECK AND ADJUST |
|-------------------------|--|
| No picture, no sound | <ul style="list-style-type: none">• Is POWER switched on?• Is the power plugged in?• Check the TV/VIDEO setting. |
| Poor or no picture | <ul style="list-style-type: none">• Adjust PICTURE or BRIGHT.• Adjust the antenna. |
| No sound | <ul style="list-style-type: none">• Press VOL + or VOLUME +.• Press MUTING.• Is an earphone connected? |
| No color | <ul style="list-style-type: none">• Is it a color program?• Adjust COLOR. |
| Snow and noise only | Adjust the antenna. |
| Dotted lines or stripes | Often caused by interference from neon signs, hair dryers, etc. Move the TV to another spot. |
| Double images or ghosts | Adjust the antenna. An external antenna may improve the picture. |